

## Information Security and Cyber Laws

- Q1 a) Explain the need of information technology in business?  
b) What is information system?
- Q2. a) Explain the role of Internet and web services?  
b) Explain the term IPV4?  
c) Explain TCP/IP protocol?
- Q3. What do you mean by E-Commerce? What are the various types of E-Commerce?
- Q4. What are the debit Cards? Differentiate between credit and debit cards?  
Q5. Explain the Routers and switches networking components in detail?
- Q6. a) Explain various security threats to E-Commerce?
- Q7. What are threats and Attacks?
- Q8. Explain the various changing nature of Information System?
- Q9 What are the Virtual Organization explain advantages and disadvantages of Virtual Organization?
- Q10 What is EDI. Explain electronic payment system?
- Q11 Explain the need of Distributed Information System?
- Q12. What are Credit Cards and what are the various steps in processing?
- Q15. What do you understand by E-Cash? Explain it with the help of Example?
- Q16. Explain the basic principles of Information security?
- Q17.. How to prevent the computer from viruses.
- Q18 What are biometric systems?
- Q19. Write down the security challenges in mobile devices. Explain.
- Q20. Explain the security implementation for organization.
- Q21. What is laptop security? How can preventing laptop to theft.
- Q22. What is the purpose of information security management?
- Q23. What is authentication protocol? Write and explain authentication method. Explain with the help of example of any authentication protocol.
- Q24. Define firewall. Explain types of firewalls.
- Q25. Explain network security. What are the different types of network attacks?
- Q26. What are security metrics? What are the benefits of security metrics?
- Q27. Explain model of cryptographic system? What are the different concepts in cryptography
- Q28. What do you understand by public key cryptography?
- Q29. What are digital signatures? Explain requirement of digital signature system.
- Q30. (I) Explain Patent law and Copyright law?  
(II) How can you build security into software life cycle.